GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:196
ANSWERED ON:04.08.2006
STRENGTHENING OF NORTHERN GRID
Acharia Shri Basudeb

Will the Minister of POWER be pleased to state:

(a) whether the Government is aware about the rampant violation of grid frequency limits by Northern Grid States and its negative impact on Government`s National Grid Project;

(b) whether as per the latest grid frequency profile data, northern grid`s average frequency fell below the stipulated limits;

(c) if so, whether Government has initiated efforts to maintain the effectiveness of the existing norms in subverting grid discipline; and

(d) if so, the details thereof?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 196 TO BE ANSWERED IN THE LOK SABHA ON 04.08.2006 REGARDING STRENGTHENING OF NORTHERN GRID.

(a) : Yes, Sir, the Government is aware of over-drawal of power by the Northern Region states and violation of grid frequency limits (49.0 − 50.5 Hz.) during certain peak periods. As per POWERGRID, it has not affected implementation of various generation linked, grid strengthening and inter-regional transmission schemes by POWERGRID.

(b) : The percentage of time during which frequency of the Northern Grid remained below 49.0 hz. during April to July, 2006 is as under :

Month	Frequency below 49.0 Hz. (% of time)
April, 2006	74.11
May, 2006	11.70
June, 2006	17.81
July, 2006	28.80

(c) & (d) : As per Indian Electricity Grid Code (IEGC) issued by Central Electricity Regulatory Commission, all regional constituents shall make all possible efforts to ensure that the grid frequency always remains within 49.0 − 50.5 Hz. band, the frequency range within which steam turbines can operate continuously.

Regional Load Dispatch Centres (RLDCs) have been entrusted with the responsibility of regulating the drawal of States / UTs from the regional grid as per schedule to ensure safe and secure operation of regional grids and necessary instructions in this regard are issued by the RLDCs to the States / UTs.

Ministry of Power has been monitoring the operation of the regional grids and advising the States to draw power from the grid as per schedule and manage their load commensurate with the availability of power. Ministry of Power and Central Electricity Authority discussed the matter with the states of Northern Region and Central sector generation and transmission companies during April and May, 2006 and instructed them to take requisite steps to maintain safety and security of the regional grid.